

**Work Order ID 100582**

Tuesday, April 23, 2013 2:59:04 PM

**\*100582\***

Page 1

Item ID: D4002-041

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Item Name: Aux Tank Drain Hose Assembly, Fwd

Stop

**\*NS2\***

Start Date: 4/23/2013 Start Qty: 8.00

**\*8\***

Required Date: 4/30/2013 Req'd Qty: 8.00

**\*8\***

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan: *MF*Date: *13-4-23* Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date: SPC (Y/N):

Date:

Stop

**\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
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D4002

D

100

0.00

**\*100\***

Purchasing

Memo

0.00

*CL 13/04/25 8*

Purchasing

Issue P/O: *19693*  
 Purchase part as per Dwg D4002  
 Part #:156001-3S-0185  
 Possible Supplier: Aviall / API  
 Material release note required

110

Receive &amp; Inspect for Damage &amp; Mat'l Certs

0.00

**\*110\***

Packaging

Memo

0.00

Packaging

*PP 3/4/20 0*

**Work Order ID 100582**

Tuesday, April 23, 2013 2:59:04 PM

**\*100582\***

Page 2

**Item ID:** D4002-041

Accept

**\*N900040100\***

Setup Start

**\*NS1\*****Revision ID:****Item Name:** Aux Tank Drain Hose Assembly, Fwd**Start Date:** 4/23/2013 **Start Qty:** 8.00**\*8\*****Cust Item ID:****Required Date:** 4/30/2013 **Req'd Qty:** 8.00**\*8\*****Customer:****Reference:****Approvals:** Process Plan:

Date:

Tooling:

Date:

Run Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\*****Sequence ID/  
Work Center ID****Operation  
Description**

120

QC6- Inspect dimensions to drawing

**\*120\***

QC

Quality Control

**Memo**Set Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp0.00  
0.00  
13430

121

**\*121\***

Small Fab

**Memo**

0.00

8X



Small Fab

1- Assemble fitting, o-ring and valve as per dwg D4002  
2- Install label as per dwg

122

QC5- Inspect part completeness to step on W/O

0.00

Sim  
13529

8

**\*122\***

QC

Quality Control

**Memo**

**Work Order ID 100582**

Tuesday, April 23, 2013 2:59:04 PM

**\*100582\***

Page 3

Item ID: D4002-041

Accept

**\*N900040100\***

Setup

Start

**\*NS1\***

Revision ID:

Item Name: Aux Tank Drain Hose Assembly, Fwd

Stop

**\*NS2\***

Start Date: 4/23/2013 Start Qty: 8.00

**\*8\***

Required Date: 4/30/2013 Req'd Qty: 8.00

**\*8\***

Cust Item ID:

Customer:

Reference:

Approvals: Process Plan:

Date:

Tooling:

Date:

Run

Start

**\*NR1\***

QC:

Date:

SPC (Y/N):

Date:

Stop

**\*NR2\***Sequence ID/  
Work Center IDOperation  
Description

130

Identify as per dwg &amp; Stock Location:

ST 193

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
CodeAccept  
QtyReject  
QtyReject  
NumberInsp.  
Stamp**\*130\***

Packaging

Packaging

Memo

0.00

SA

SD  
B5-29

140

QC21- Final Inspection - Work Order Release

0.00

**\*140\***

QC

Quality Control

Memo

0.00

13/5/29 AD  
MF  
13-5-29

# Picklist Print

Tuesday, April 23, 2013 2:59:03 PM

Page 1

Work Order ID: 100582

Parent Item: D4002-041

Parent Item Name: Aux Tank Drain Hose Assembly, Fwd

Start Date: 4/23/2013

Required Date: 4/30/2013

Start Qty: 8.00

Required Qty: 8.00

Comments: IPP rev A 10.01.21 new issue Prelim EC verified by:DD  
MS29528-04 DD verified by:EC

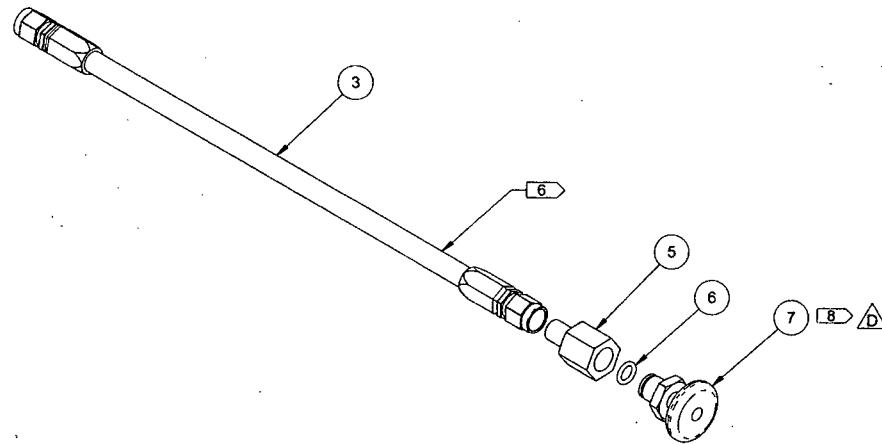
IPP rev B 10.11.03 added

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
156001-3S-0185 Hose Assembly		Purchased	No			110	Each	0.0000	1	8	1	13/05/29	1
AN894D4-3 Fitting		Purchased	No			121	Each	11.0000	1	8	1	13/05/29	1
							<u>Location</u>	<u>Loc Qty</u>					
				ST325				4					
				124296				4					
				ST327				7					
				124307				7					
MS29512-04 O-RING		Purchased	No			121	Each	5.0000	1	8	1	13/05/29	1
							<u>Location</u>	<u>Loc Qty</u>					
				ST293				2					
				120693				2					
				ST309				3					
				118853				3					
MS29528-4 FUEL DRAIN VALVE		Purchased	No			121	Each	5.0000	1	8	1	13/05/29	1
							<u>Location</u>	<u>Loc Qty</u>					
				GA				5					
				125107				3					
				125171				2					
D2182-045 Heat Shrink 4.5" Long		Manufactured	No			121	Each	0.0000	1	8	1	13/05/29	1
D2729-1 Dart Logo label		Manufactured	No			121	Each	0.0000	0	0	0	13/05/29	0

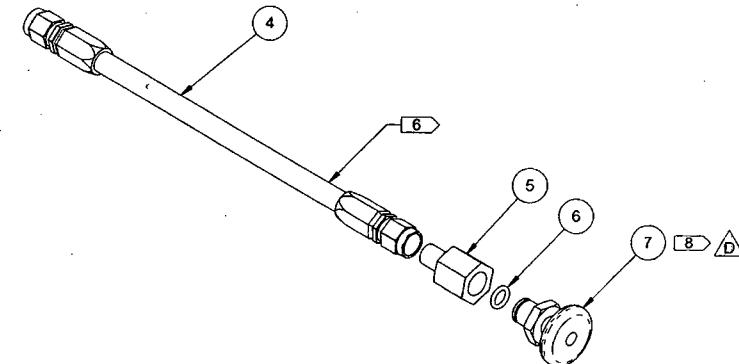
B26009 121 121  
8x 8x

∅

ITEM NO.	QTY. -041	QTY. -043	PART NUMBER	DESCRIPTION	JOHN CAMERON AVIATION PART NUMBER
1	X		D4002-041	AUX TANK DRAIN HOSE ASSEMBLY, FWD	JCA-M47-1-13
2		X	D4002-043	AUX TANK DRAIN HOSE ASSEMBLY, AFT	JCA-M47-1-16
3	1		D4002-1	HOSE ASSEMBLY	
4		1	D4002-3	HOSE ASSEMBLY	
5	1	1	AN894D4-3	FITTING	
6	1	1	MS29512-04	O RING	
7	1	1	CCB4320	FUEL DRAIN VALVE (MS29528-4)	



D4002-041 DRAIN HOSE - FRONT



D4002-043 DRAIN HOSE - REAR

RELEASED  
2011-11-16  
JW

NOTES:

- 1) MATERIAL: N/A
- 2) FINISH: N/A
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: N/A
- 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK
- 7) WEIGHT: D4002-041 - 0.21 lbs  
D4002-043 - 0.20 lbs
- 8) DRAIN VALVE MAY NOT APPEAR EXACTLY AS PICTURED

D	ADDED NOTE 8	DC	11.10.06
C	ADDED 8.00" TO D4002-1/3 HOSES; AFFECTED WEIGHT	MB	11.09.14
B	CHANGE LENGTH MEASUREMENT FOR -3, ZN C2-2	HS	10.11.03
A	NEW ISSUE	HS	10.03.01
REV.	DESCRIPTION	BY	DATE
DESIGN	<i>DC</i>	DART AEROSPACE LTD	
DRAWN	<i>DC</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>DC</i>	DRAWING NO. REV. D	
MFG. APPR.	<i>DC</i>	D4002 SHEET 1 OF 2	
APPROVED	<i>DC</i>	TITLE	
DE APPR.	<i>DC</i>	SCALE	
DATE	11.10.06	NTS	

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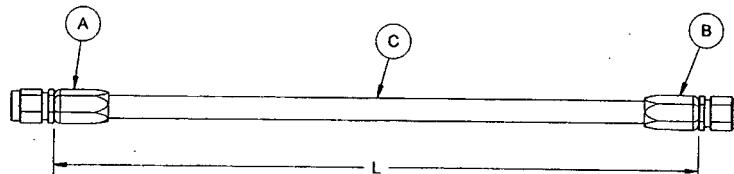
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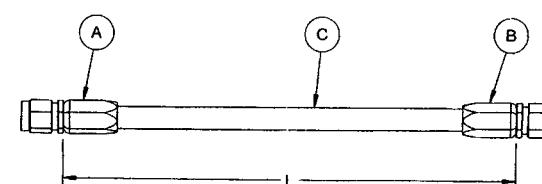
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DART AEROSPACE PART NUMBER	JOHN CAMERON AVIATION PART NUMBER
D4002-1	REF JCA-M47-1-13
D4002-3	REF JCA-M47-1-16
D4002-5	JCA-M47-2-13
D4002-7	JCA-M47-2-25

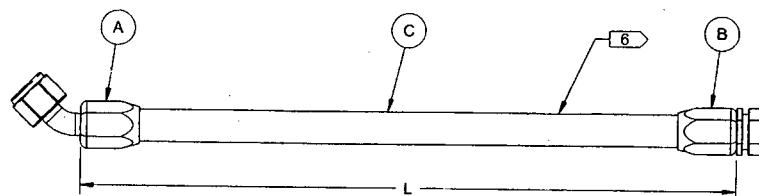
## SPECIFICATION CONTROL DRAWING



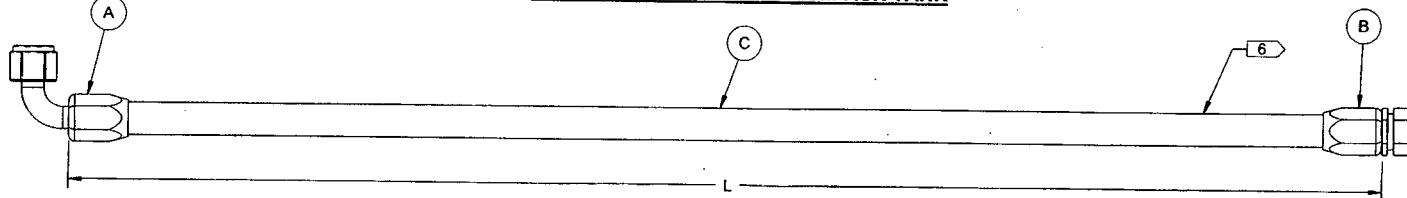
**D4002-1 HOSE ASSEMBLY**



**D4002-3 HOSE ASSEMBLY**



**D4002-5 SUPPLY HOSE - FROM AUX TANK**



**D4002-7 SUPPLY HOSE - PUMP TO MAIN TANK FILLER NECK**

DART PART NUMBER	STRATOFLEX PART NUMBER	POSSIBLE VENDOR	LENGTH "L"	END FITTING "A"	END FITTING "B"	HOSE "O"	WEIGHT
D4002-1	156001-3S-0185	AVIALL/API	17.90	676-3S	676-3S	156-3	0.16 lbs
D4002-3	156001-3S-0154	AVIALL/API	14.76	676-3S	676-3S	156-3	0.15 lbs
D4002-5	156003-6D-0102	AVIALL/API	8.94	678-6D	676-6D	156-6	0.13 lbs
D4002-7	156005-6D-0213	AVIALL/API	20.31	680-6D	676-6D	156-6	0.19 lbs

RELEASED  
2011-11-16  
W

A  
NOTES:  
 1) MATERIAL: N/A  
 2) FINISH: N/A  
 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED  
 4) UNITS: INCHES UNLESS OTHERWISE NOTED  
 5) BREAK SHARP EDGES: N/A  
 6) IDENTIFICATION: IDENTIFY WITH DART P/N AND B/N USING D2729-1 LABEL INSTALLED WITH D2182-045 HEAT SHRINK  
 7) WEIGHT: SEE TABLE

DESIGN	<i>BC</i>	DART AEROSPACE LTD	
DRAWN	<i>BC</i>	HAWKESBURY, ONTARIO, CANADA	
CHECKED	<i>BC</i>	DRAWING NO. D4002	
MFG. APPR.	<i>BC</i>		
APPROVED	<i>BC</i>	REV. D SHEET 2 OF 2	
DE APPR.	<i>BC</i>		
DATE	11.10.06	SCALE	NTS
HOSE ASSEMBLY			

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1

A



Dart Aerospace Ltd.  
1270 Aberdeen Street  
Hawkesbury, ON K6A 1K7  
Tel: 613 632 9577  
Fax: 613 632 1053

## PURCHASE ORDER

Purchase Order ID **PO19693**

Purchase Order Date 4/25/13

PO Print Date 4/25/13

Page Number 1 of 6

Order From : VU-AVI003

AVIALL  
PO BOX 842275

DALLAS, TX 75284-2275  
USA

Contact Name	Buyer	Chantal Lavoie
Vendor Phone	Requisition Nbr	
Vendor Fax	Tax Resale Nbr	10127-2607
Vendor Account Nbr	Terms	Net 30
	Currency	USD
	FOB	Destination-Collect

Ship To : DART AEROSPACE LTD 1270 ABERDEEN  
HAWKESBURY, ON K6A 1K7  
CANADA

**FAXED**  
(4/30/13)

125440

Line Nbr	Reference Revision ID	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
<b>Vendor Part Number</b>							
1	NAS1611-013	O-RING	4/29/13 Yes	✓ 500.00 Each	FedEx PI collect	\$0.6000	\$300.00
<i>PP</i>							
2	MS21061L08	Nutplate	4/29/13 Yes	✓ 500.00 Each	FedEx PI collect	\$1.4700	\$735.00
<i>50</i>							
3	156001-3S-0185	Hose Assembly	4/29/13 Yes	8.00 Each	FedEx PI collect	\$317.9200	\$2,543.36
<i>125440</i>							
4	156001-3S-0154	Hose Assembly	4/29/13 Yes	10.00 Each	FedEx PI collect	\$278.6300	\$2,786.30
<i>125440</i>							
<b>Special Inst:</b> AS PER DWG D4002 REV. D B100582							
<b>Special Inst:</b> AS PER DWG D4002 REV. D B100583							

No substitution or deviation without  
consent.  
Certificate of Conformity or Material  
Certification required  YES  NO

Change Nbr: 1

Change Date: 4/25/13



# PROFORMA INVOICE

CUSTOMER P.O.: 19693

ORDER NUMBER: 0013439797-  
ORDER DATE: 04/25/13

78690

B 032028  
I DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADA

S DART AEROSPACE LTD  
H 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T CANADA

SHIPMENT NBR: 78690

SHIP VIA: FED P1AM - COLLECT

PAGE: 1  
DATE: 04/26/13  
TIME: 13:56  
EMP#: 25184  
ORD TYP: RG  
CURRENCY: USD

S 41270  
H AVIALL DALLAS HOSE SHOP  
I AVIALL  
P AVIALL  
F HOSE SHOP  
R 2755 REGENT BLVD  
O DFW AIRPORT  
M U.S.A.

TX 75261-9048

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
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PLEASE SHIP FEDEX P1 ON CUSTOMER ACCOUNT  
NUMBER 1517-9324-0, AWB# MUST REFERENCE  
THE PURCHASE ORDER NUMBER, SHIP TO THE  
ATTN OF CHANTAL 613-632-9577

1 1S 156001-3S0185  
HOSE: MED PRESSURE, RUBBER  
REIN ST, REF:  
Schedule B: 4009.22.0050

8

8

0 EA

317.92

2,543.36

ECCN: 9A991.d

LOT 51252133 EA  
Country of Origin: U.S.A.

2 1S 156001-3S0154  
HOSE: MED PRESSURE, RUBBER  
REIN ST, REF:  
Schedule B: 4009.22.0050

10

10

0 EA

278.63

2,786.30

ECCN: 9A991.d

LOT 51252132 EA  
Country of Origin: U.S.A.

10

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\*\*\* contrary to U.S Law is prohibited.

\*\*\*

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\*\*\*

AviAll is not providing OEM parts. AviAll is an authorized Stratoflex distributor providing TSO

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It is hereby certified that AviAll Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at AviAll.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

04/26/13

JR Hofmann, Director, Quality Assurance &amp; Training

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED  
MERCANDISE SUBJECT TO HANDLING FEE.

THIS IS TO CERTIFY THAT AVIALL HAS COMPLIED WITH THE PROVISIONS  
OF THE FAIR LABOR STANDARDS ACT OF 1938 AMENDED.

CUSTOMER ORIGINAL



# PROFORMA INVOICE



CUSTOMER P.O.: 19693

ORDER NUMBER: 0013439797- 78690  
ORDER DATE: 04/25/13

SHIPMENT NBR: 78690

PAGE: 2  
DATE: 04/26/13  
TIME: 13:56  
EMP#: 25184ORD TYP: RG  
CURRENCY: USDB 032028  
L DART AEROSPACE LTD  
L 1270 ABERDEEN STREET  
T HAWKESBURY ON K6A 1K7  
O CANADAS  
H DART AEROSPACE LTD  
I 1270 ABERDEEN STREET  
P HAWKESBURY ON K6A 1K7  
T O CANADAS 41270  
H AVIALL DALLAS HOSE SHOP  
I AVIALL  
P HOSE SHOP  
R 2755 REGENT BLVD  
O DFW AIRPORT TX 75261-9048  
M U.S.A.

LINE	MFG	ITEM DESCRIPTION	ORDER QUANTITY	SHIP QUANTITY	BACK ORDER	UOM	UNIT PRICE	EXTENDED UNIT PRICE
------	-----	------------------	----------------	---------------	------------	-----	------------	---------------------

assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43.

PARTS TOTAL	5,329.66
TAXES	0.00
FREIGHT	0.00
FUEL SURCHARGE	0.00
TOTAL	5,329.66

Currency: United States Dollar

## CERTIFICATE OF CONFORMANCE

It is hereby certified that AviAll Services, Inc., is an approved distributor and meets all requirements of ISO9001, AS9100, AS9120 and AC 00-56 at 2750 Regent Blvd. DFW Airport, Texas. The products, articles or parts referenced on this document are in new or overhauled condition and were purchased from an approved source (FAA, EASA, TCCA, Mil Spec or Commercial). The Original Manufacturers' Certifications are maintained on file at our central office location, and copies are available upon request or at AviAll.com. For overhauled or repaired products, articles or parts, the original FAA 8130-3 / EASA Form 1 (Return to Service) or Yellow Tag, from the FAA/JAA/EASA approved Air Agency are attached to the component.

JR Hofmann, Director, Quality Assurance &amp; Training

DISCOUNT TERMS APPLY ONLY TO SUB TOTAL. ALL RETURNED MERCHANDISE SUBJECT TO HANDLING FEE.

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CUSTOMER ORIGINAL



Hose Shop 2755 Regent Blvd. DFW Airport

75261

Phone 972-586-1380 Fax 972-586-1381 www.aviall.com

## TSO CERTIFICATION

It is hereby certified that (A) The parts and/or materials reflected herein were produced under Federal Aviation Administration approved manufacturing and quality control system/methods as set forth in the FAA issued technical standard order authorizations (TSOA) issued to Stratoflex and (B) such part and/or materials are new and are in condition for safe operation.

Aviall Order Number: 13439797

1 156001-3S0185 8EA.  
2 156001-3S0154 10EA.

Signed: 

Date: 4-26-13

"Aviall is not providing OEM parts. Aviall is an authorized Stratoflex distributor providing TSO assemblies. Numbers referenced per customer requirements are for customer reference ONLY and are in no way intended to be represented as OEM parts. Any reference to an OEM part number does not authorize or reflect installation authority for this part. The installation authority is provided by the mechanic installing this product in accordance with FAR Part 43".

If applicable, satisfactory compliance with the conditions and tests required for TSO approval indicates the hose assembly has met the minimum performance standards as stated in the TSO. Furthermore, it is the responsibility of the installer to determine the installation eligibility and that it will not cause the hose assembly to be subjected to conditions in excess of those for which it has been approved.

FORM# CERT -001